

C mposite Membrane for Separating Organic Solvents and the Method for Fabricating the Same

ABSTRACT OF THE INVENTION

035. This invention discloses a composite membrane for separating organic solvents that comprises a carrier layer, a support layer and a separation layer. The material of the separation layer is chitosan containing nano-inorganic particles, wherein the nano-inorganic particles are uniformly embedded in the the chitosan separation layer. This invention also discloses a method for fabricating a composite membrane for separating organic solvents. Moreover, the method comprises a dissolution process, a degassing process, a membrane fabrication process, a coating process and a fixation process.